

- **Do not collect plants from the wild**
- **Buy nursery-propagated plant material**
- **Help prevent establishment of non-native species in natural communities**

FOR MORE INFORMATION ON NATIVE PLANTS:

Virginia Department of Conservation and Recreation
Natural Heritage Program
217 Governor Street
Richmond, VA 23219
(804) 786-7951
www.dcr.state.va.us/dnh/

For a list of nurseries that propagate native plants:

Virginia Native Plant Society
400 Blandy Farm Lane, Unit 2
Boyce, VA 22620
(540) 568-8679
vnpsoc@shentel.net
www.vnps.org

For more information on Riparian Forest Buffers

Department of Forestry
Fontaine Research Park
900 Natural Resources Drive
P.O. Box 3758
Charlottesville, VA 22903-0758
Phone: (804) 977-6555
www.dof.state.va.us

Virginia Coastal Program
Department of Environmental Quality
629 East Main Street
Richmond, VA 23219
Phone: (804) 698-4323
www.deq.state.va.us/coastal.html

Chesapeake Bay Program
410 Severn Avenue, Suite 109
Annapolis, MD 21403
Tel: (800) YOUR-BAY
www.chesapeakebay/bayprogram/index.htm



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

12/01

Native Plants for Conservation, Restoration and Landscaping

Celebrate and Preserve Our Natural Heritage



Riparian Forest Buffers

OUR NATURAL HERITAGE

Native wildflowers, shrubs and trees are natural treasures handed down to us from a time before recorded history. Yet natural habitats for some of our native plants are rapidly being lost, and along with them the ecological benefits they provide. Using native plants to restore and landscape, whether in residential developments, agricultural lands or public parks, helps preserve native species and their ecological relationships. Riparian forest restoration with native plant species promotes cleaner waterways, provides important food and habitat for many fish and animals, and improves biodiversity.

Native: species naturally occurring in the region in which they evolved (indigenous)

Alien: species introduced to a new region by humans, either deliberately or accidentally (exotic, non-native)

WHAT ARE NATIVES?

Native species are those that occur in the region in which they have evolved. Plants and animals evolve in specific habitats over extended periods of time in response to physical and biological processes that are characteristic of that place: climate, soils and interactions with other species occupying those habitats. They thus possess certain traits that make them uniquely adapted to local conditions.

In North America, plants are considered native if they occurred here before European settlement. This distinction is made because of the many changes in the flora that have occurred since the arrival of Europeans settlers. Since then many plants have been deliberately and accidentally introduced to North America from distant shores.

However, alien species do not come only from distant countries. They may be introduced from a different region of the same country. For instance, a species native to the forests of the west coast of North America would be considered alien if found on the east coast where it was not a constituent of the regional flora.

NATIVES VERSUS ALIENS

While many alien plants are beneficial and do not affect the natural environment, a few invasive alien species pose serious threats to both natural communities and rare species. Because of a lack of natural controls like insect pests and competitors, some alien plants can escape cultivation, establish in a new area, then displace native plant species. What was a finely woven and diverse natural community may become a monoculture dominated by the invasive alien plant. Along with the displacement of native plant species from these natural habitats comes the loss of many flying, crawling and burrowing creatures that relied on native plants for food, cover and shelter.

Plants and animals evolve together to create unique natural communities, weaving a complex web of interrelationships. Flowers often bloom and fruits ripen in synchrony with the needs of the animals that pollinate the flowers and disperse the seeds. A butterfly feeds on the nectar of a certain flower and in turn pollinates the plant. To reap the greatest benefit, the flower must bloom and the butterfly emerge simultaneously. Later the flower goes to seed, coincidentally

Scientific Name	Common Name	Uses				Region			Light			Zone			
		W	H	C	D	M	P	C	S	P	F	1	2	3	4
<i>Ostrya virginiana</i>	Eastern hop-hornbeam	*				*	*	*	*	*					*
<i>Persea borbonia</i>	redbay, sweet bay	*	*			*	*	*	*	*				*	
<i>Rhus glabra</i>	smooth sumac	*	*	*		*	*	*	*	*				*	*
<i>Salix nigra</i>	black willow		*			*	*	*	*	*	*	*	*	*	*
Medium to Large Trees															
<i>Acer rubrum</i>	red maple		*	*		*	*	*		*	*	*	*	*	*
<i>Betula lenta</i>	sweet birch	*	*	*		*	*	*		*	*	*	*	*	*
<i>Betula nigra</i>	river birch	*	*	*		*	*	*		*	*	*	*	*	*
<i>Diospyros virginiana</i>	persimmon	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Fraxinus americana</i>	white ash	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Fraxinus pennsylvanica</i>	green ash	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Juglans nigra</i>	black walnut	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Liquidambar styraciflua</i>	sweetgum	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Liriodendron tulipifera</i>	tulip-tree, tulip poplar	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Nyssa aquatica</i>	water tupelo	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Nyssa sylvatica</i>	black gum	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Corydallum arborescens</i>	swampwood	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Pinus taeda</i>	loblolly pine	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Platanus occidentalis</i>	sycamore	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Quercus bicolor</i>	swamp white oak	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Quercus laurifolia</i>	swamp laurel oak	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Quercus michauxii</i>	swamp chestnut oak	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Quercus nigra</i>	water oak	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Quercus palustris</i>	pin oak	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Quercus phellos</i>	willow oak	*	*	*		*	*	*	*	*	*	*	*	*	*
<i>Taxodium distichum</i>	bald cypress	*	*	*		*	*	*	*	*	*	*	*	*	*

* May be aggressive in garden setting.

* Due to the rarity and sensitivity of habitat in Virginia, these species are recommended for horticultural use only. Planting these species in natural areas could be detrimental to the survival of native populations.



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to nontoxic compounds by various chemical and microbial activities within the forest. This helps protect fish, which are most threatened by pesticide pollution.

Riparian forest soils act as areas of water storage. Plants take up water into their tissues and release it into the atmosphere.

A canopy created by riparian forest provides shade and controls water temperature, which is essential for instream organisms including trout and the invertebrate food source on which they depend. Instream, the leaf litter and woody debris from the canopy and forest create food and habitat vital to the aquatic food web.

Riparian forests provide food and habitat for a variety of terrestrial wildlife and serve as safe corridors for movement between habitats. Habitat conversion and fragmentation have reduced wildlife habitat and limited the ability of animals to move between existing habitats. Riparian forests provide for both these needs.

Riparian forest buffers offer recreation to fishermen, birders, hikers, canoeists and picnickers. The diversity of habitats and life and the scenic beauty provided by riparian forests can be enjoyed by many people in so many different ways.

These ecological functions combine to make riparian forest buffers critical investments in human and ecological health and well-being today and for our children tomorrow. Recognizing these values, the Chesapeake Bay Program has set a goal of replanting 2,010 miles of bay shoreline by the year 2010. Virginia's share of this goal is 610 miles.

RIPARIAN VEGETATION ZONES

Four riparian vegetation zones are identified in this brochure. **Zone 1**, the emergent vegetation zone, is permanently to semi-permanently flooded and often dominated by grasses, sedges, rushes and herbaceous plants. **Zone 2**, the riverside thicket, may be seasonally to temporarily flooded and is often characterized by emergent species, shrubs and a few tree species. **Zone 3**, the saturated forest, has soils that are saturated to poorly drained. **Zone 4**, the well-drained forest, is also known as upland forest. Zones 3 and 4 are dominated by trees, but also contain shrub and herb layers in the understory.

BASICS ABOUT USE OF NATIVE PLANT SPECIES

Riparian restoration efforts will be most successful using native plant species that occur naturally in riparian habitats. When selecting plants for your site, specific characteristics such as bank slope, hydrological regime, soil condition and light must be taken into account. Consider your site carefully. Start with this brochure by studying the names of the plants found in riparian forests and wetlands native to your region. Learn their sunlight and moisture requirements. Refer to field guides and natural history books to learn which plants will fit within your planting scheme and provide specific benefits to the wildlife in your area. Visit a natural riparian forest in your area and notice common plant associations, spatial groupings and habitat conditions. Always purchase your native plants and seeds from a reputable sources that propagate their own plants, preferably from local sources. Seek further information on establishing riparian forest buffers from your local resource management specialists.

Recommended Uses

W = wildlife
H = horticulture
C = conservation
D = domestic livestock forage

Minimum Light Requirements

S = shade
P = partial sun
F = full sun

Native Regions

C = Coastal Plain
P = Piedmont
M = Mountains and Valley

Riparian Vegetation Zones

1 = emergent
2 = riverside thicket
3 = saturated forest
4 = well-drained Forest

Scientific Name	Common Name	Uses				Region			Light			Zone				
		W	H	C	D	W	P	C	S	P	F	1	2	3	4	
Forbs																
<i>Acrostichum americanum</i> (fl. yellow)	sweet flag	*	*			*	*	*	*	*	*					
<i>Artemisia abrotanifolia</i>	blue star	*	*			*	*	*	*	*	*				*	*
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit	*	*			*	*	*	*	*	*				*	*
<i>Asarum canadense</i> +	wild ginger	*	*			*	*	*	*	*	*					*
<i>Asclepias incarnata</i>	swamp milkweed	*	*	*	*	*	*	*	*	*	*					
<i>Aster novae-angliae</i>	New England aster	*	*	*	*	*	*	*	*	*	*				*	*
<i>Aster novi-belgii</i>	New York aster	*	*	*	*	*	*	*	*	*	*				*	*
<i>Aster umbellatus</i>	flat-top white aster	*	*	*	*	*	*	*	*	*	*				*	*
<i>Delphinium consolida</i> +	nodding bellflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Delphinium ajacis</i>	delphinium	*	*	*	*	*	*	*	*	*	*				*	*
<i>Erigeron philadelphicus</i>	white fleabane	*	*	*	*	*	*	*	*	*	*				*	*
<i>Galium aparine</i>	marsh mallow	*	*	*	*	*	*	*	*	*	*				*	*
<i>Hamamelis virginica</i>	witch-hazel	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus annuus</i>	corn	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus maximiliani</i>	giant sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus divaricatus</i>	divaricate sunflower	*	*	*	*	*	*	*	*	*	*				*	*
<i>Helianthus scaberrimus</i>	rough-leaved sunflower	*	*	*	*	*	*	*	*	*	*					